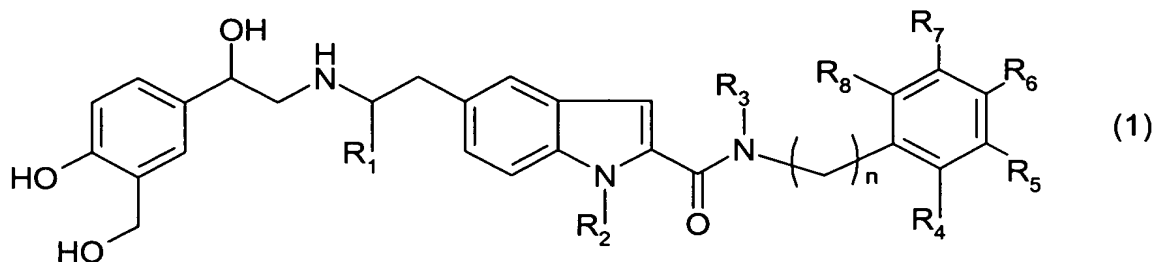


CLAIMS

1. A compound of the formula (1) :



wherein

- 5 • n is 0, 1, 2, 3 or 4;
- R₁ and R₂ are each independently selected from hydrogen and (C₁-C₄)alkyl;
- R₃ is selected from the group consisting of hydrogen and (C₁-C₆)alkyl optionally substituted by a hydroxy; and
- 10 • R₄, R₅, R₆, R₇ and R₈ are each independently selected from the group consisting of hydrogen, hydroxy, (C₁-C₆)alkyl, (C₁-C₆)alkoxy, benzyloxy, hydroxy(C₁-C₆)alkyl, thio(C₁-C₆)alkyl, halo and trifluoromethyl;

or a pharmaceutically acceptable salt and/or isomer, tautomer, solvate or isotopic variation thereof.

15 2. A compound according to claim 1 wherein

- n is 1 or 2;
- R₁ is a (C₁-C₄)alkyl; and
- R₃ is selected from hydrogen and (C₁-C₆)alkyl;

or a pharmaceutically acceptable salt and/or isomer, tautomer, solvate or

20 isotopic variation thereof.

3. A compound according to claim 1 wherein

- n is 1 or 2;
- R₁ is selected from methyl and ethyl;
- R₂ is selected from hydrogen, methyl and ethyl; and

- R₃ is selected from hydrogen and methyl;

or a pharmaceutically acceptable salt and/or isomer, tautomer, solvate or isotopic variation thereof.

4. A compound according to claim 1 wherein

- 5
- n is 1 or 2;
 - R₁ is selected from methyl and ethyl;
 - R₂ is selected from hydrogen, methyl and ethyl;
 - R₃ is selected from hydrogen and methyl; and
 - R₄, R₅, R₆, R₇ and R₈ are each independently selected from the group
- 10 consisting of hydrogen, hydroxy, methyl, methoxy, ethoxy, benzyloxy, thiomethyl, halo and trifluoromethyl;

or a pharmaceutically acceptable salt and/or isomer, tautomer, solvate or isotopic variation thereof.

5. A compound according to any one of claims 1 to 4, wherein at least two of
- 15 R₄, R₅, R₆, R₇ and R₈ are hydrogen.

6. A compound according to claim 1 wherein n is 1 or 2; R₁ is methyl; R₂ and R₃ are hydrogen; and R₄, R₅, R₆, R₇ and R₈ are each independently selected from the group consisting of hydrogen, hydroxy, (C₁-C₆)alkyl, (C₁-C₆)alkoxy, hydroxy(C₁-C₆)alkyl, thio(C₁-C₆)alkyl, halo and trifluoromethyl;

- 20 or a pharmaceutically acceptable salt and/or isomer, tautomer, solvate or isotopic variation thereof.

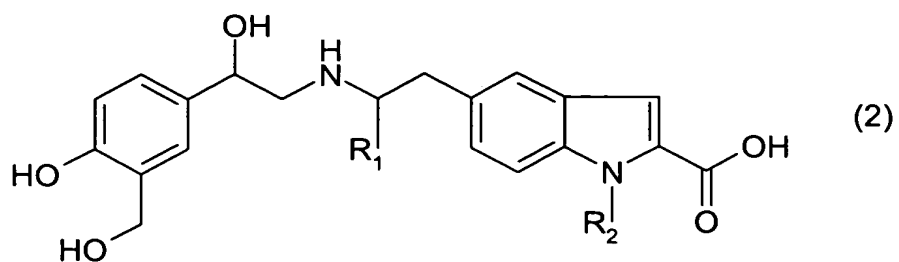
7. A compound according to claim 1 wherein n is 1; R₁ is methyl; R₂ and R₃ are hydrogen; and R₄, R₅, R₆, R₇ and R₈ are each independently selected from the group consisting of hydrogen, hydroxy, (C₁-C₆)alkyl, (C₁-C₆)alkoxy, thio(C₁-
- 25 C₆)alkyl and trifluoromethyl;

or a pharmaceutically acceptable salt and/or isomer, tautomer, solvate or isotopic variation thereof.

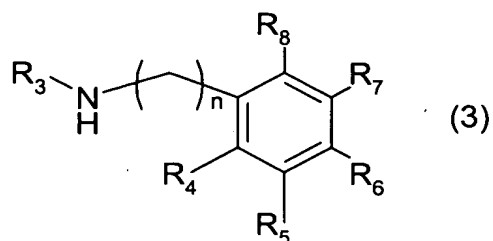
8. A compound according to claim 1 wherein n is 1; R₁ is methyl; R₂ and R₃ are hydrogen; and R₄, R₅, R₆, R₇ and R₈ are each independently selected from the group consisting of hydrogen, (C₁-C₆)alkyl, (C₁-C₆)alkoxy and trifluoromethyl; provided that at least two of R₄, R₅, R₆, R₇ and R₈ are hydrogen;
- 5 or a pharmaceutically acceptable salt and/or isomer, tautomer, solvate or isotopic variation thereof.
9. A compound according to claim 1 wherein n is 1; R₁ is methyl; R₂ and R₃ are hydrogen; and R₄, R₅, R₆, R₇ and R₈ are each independently selected from the group consisting of hydrogen, methyl, methoxy and trifluoromethyl; provided
- 10 that at least two of R₄, R₅, R₆, R₇ and R₈ are hydrogen;
- or a pharmaceutically acceptable salt and/or isomer, tautomer, solvate or isotopic variation thereof.
10. A compound according to claim 1 selected from the group consisting of :
- 5-[(2R)-2-(((2R)-2-hydroxy-2-[4-hydroxy-3-(hydroxymethyl) phenyl]ethyl)amino) propyl]-N-(2-methoxybenzyl)-1H-indole-2-carboxamide,
- 15 5-[(2R)-2-(((2R)-2-hydroxy-2-[4-hydroxy-3-(hydroxymethyl)phenyl]ethyl) amino) propyl]-N-[4-(trifluoromethyl)benzyl]-1H-indole-2-carboxamide,
- N-(2,6-dimethoxybenzyl)-5-[(2R)-2-(((2R)-2-hydroxy-2-[4-hydroxy-3-(hydroxymethyl)phenyl]ethyl)amino)propyl]-1H-indole-2-carboxamide,
- 20 5-[(2R)-2-(((2R)-2-hydroxy-2-[4-hydroxy-3-(hydroxymethyl)phenyl]ethyl)amino) propyl]-N-(3-methoxybenzyl)-1H-indole-2-carboxamide,
- 5-[(2R)-2-(((2R)-2-hydroxy-2-[4-hydroxy-3-(hydroxymethyl)phenyl]ethyl)amino) propyl]-N-[2-(3-methoxyphenyl)ethyl]-1H-indole-2-carboxamide,
- 5-[(2R)-2-(((2R)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-N-(2,4-dichlorobenzyl)-1H-indole-2-carboxamide,
- 25 5-[(2R)-2-(((2R)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino) propyl]-N-(3-hydroxy-2,6-dimethoxybenzyl)-1H-indole-2-carboxamide,
- 5-[(2R)-2-(((2R)-2-Hydroxy-2-(4-benzyloxy-3-hydroxy methyl phenyl)ethyl) amino)propyl]-N-(2-benzyloxy-6-methoxybenzyl)-1H-indole-2-carboxamide,

- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(4-hydroxy-2,6-dimethoxybenzyl)-1*H*-indole-2-carboxamide,
- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2-benzyloxy-6-methoxybenzyl)-1*H*-indole-2-carboxamide,
- 5 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2-hydroxy-6-methoxybenzyl)-1*H*-indole-2-carboxamide,
- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2,6-difluorobenzyl)-1*H*-indole-2-carboxamide,
- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2-chlorobenzyl)-1*H*-indole-2-carboxamide,
- 10 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2-fluorobenzyl)-1*H*-indole-2-carboxamide,
- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(4-hydroxybenzyl)-1*H*-indole-2-carboxamide,
- 15 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(3-hydroxybenzyl)-1*H*-indole-2-carboxamide,
- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2-methylsulfanylbenzyl)-1*H*-indole-2-carboxamide,
- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(4-methylsulfanylbenzyl)-1*H*-indole-2-carboxamide,
- 20 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2,3-dimethoxybenzyl)-1*H*-indole-2-carboxamide,
- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2,4-dimethoxybenzyl)-1*H*-indole-2-carboxamide,
- 25 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2-ethoxybenzyl)-1*H*-indole-2-carboxamide,
- 5-[(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-benzyl-*N*-methyl-1*H*-indole-2-carboxamide,
- [(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-benzyl-1*H*-indole-2-carboxamide,
- 30 [(2*R*)-2-(((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(4-fluorobenzyl)-1*H*-indole-2-carboxamide,

- 5-[(2*R*)-2-((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(2-methoxy-3-methyl-benzyl)-1*H*-indole-2-carboxamide,
 5-[(2*R*)-2-((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)propyl]-*N*-(3-methoxy-2-methylbenzyl)-1*H*-indole-2-carboxamide,
 5 1-Ethyl-5-[(2*R*)-2-((2*R*)-2-hydroxy-2-(4-hydroxy-3-hydroxy methylphenyl)ethyl)amino)propyl]-*N*-(2,6-dimethoxybenzyl)-1*H*-indole-2-carboxamide,
 1-Ethyl-5-[(2*R*)-2-((2*R*)-2-hydroxy-2-(4-hydroxy-3-hydroxy methylphenyl)ethyl)amino)propyl]-*N*-(2-ethoxybenzyl)-1*H*-indole-2-carboxamide,
 1-Ethyl-5-[(2*R*)-2-((2*R*)-2-hydroxy-2-(4-hydroxy-3-hydroxy methylphenyl)ethyl)amino)propyl]-*N*-(4-chlorobenzyl)-1*H*-indole-2-carboxamide,
 10 1-Methyl-5-[(2*R*)-2-((2*R*)-2-hydroxy-2-(4-hydroxy-3-hydroxy methylphenyl)ethyl)amino)propyl]-*N*-(2,6-dimethoxybenzyl)-1*H*-indole-2-carboxamide,
 1-Methyl-5-[(2*R*)-2-((2*R*)-2-hydroxy-2-(4-hydroxy-3-hydroxy methylphenyl)ethyl)amino)propyl]-*N*-(2-methoxybenzyl)-1*H*-indole-2-carboxamide,
 15 1-Methyl-5-[(2*R*)-2-((2*R*)-2-hydroxy-2-(4-hydroxy-3-hydroxy methylphenyl)ethyl)amino)propyl]-*N*-(4-chlorobenzyl)-1*H*-indole-2-carboxamide,
 5-[(2*R*)-2-((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)butyl]-*N*-(2-methoxybenzyl)-1*H*-indole-2-carboxamide,
 5-[(2*R*)-2-((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)butyl]-*N*-(2,6-dimethoxybenzyl)-1*H*-indole-2-carboxamide,
 20 5-[(2*R*)-2-((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)butyl]-*N*-(2-ethoxybenzyl)-1*H*-indole-2-carboxamide, and,
 5-[(2*R*)-2-((2*R*)-2-Hydroxy-2-(4-hydroxy-3-hydroxymethyl phenyl)ethyl)amino)butyl]-*N*-benzyl-1*H*-indole-2-carboxamide.
- 25 11. A process for preparing a compound of claim 1 or a pharmaceutically acceptable salt or derived form thereof comprising coupling an acid of formula (2) :

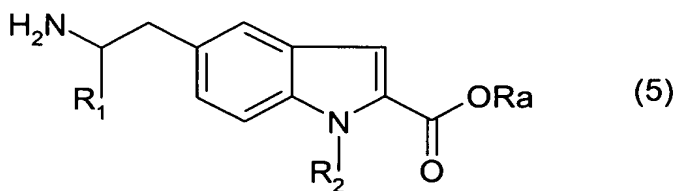


with an amine of formula (3) :



5 wherein R_1 , R_2 , R_3 , R_4 , R_5 , R_6 , R_7 , R_8 and n are as defined in claim 1.

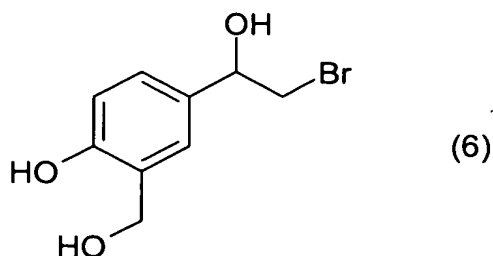
12. A process according to claim 11 wherein said acid of formula (2) is prepared by reacting an amine of formula (5) :



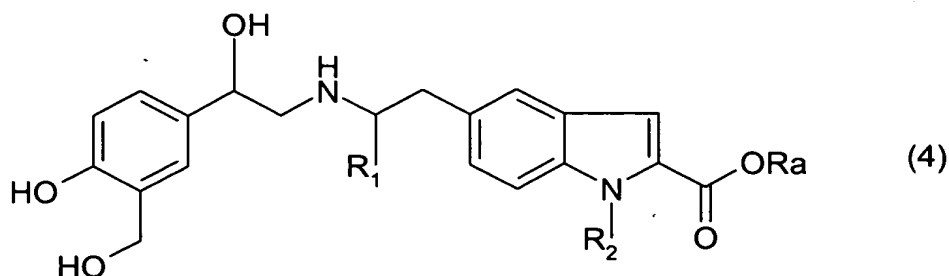
wherein R_1 and R_2 are as defined in claim 1 and R_a is a suitable acid protecting

10 group selected from (C₁-C₄)alkyl groups,

with a bromide of formula (6) :



to form an ester of formula (4) :



and deprotecting said ester to form the corresponding acid of formula (2).

13. A pharmaceutical composition comprising a compound of claim 1 or a
5 pharmaceutically acceptable salt or derived form thereof, together with
pharmaceutically acceptable excipients and/or additives.

14. A method of treating a disease, disorder or condition in a mammal, said
method comprising administering to said mammal in need thereof an effective
amount of a $\beta 2$ agonist or a pharmaceutically acceptable salt, derived form or
10 composition thereof.

15. A method according to claim 14 wherein said $\beta 2$ agonist is a compound of
claim 1 or a pharmaceutically acceptable salt, derived form or composition
thereof.

16. A method according to claim 14 where the disease, disorder or condition is
15 selected from the group consisting of:

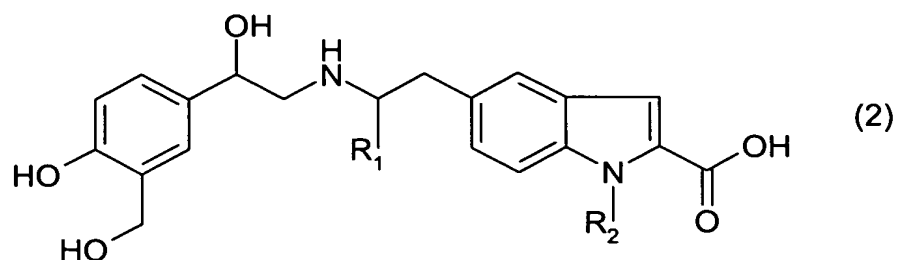
- asthma of whatever type, etiology, or pathogenesis, in particular asthma
that is a member selected from the group consisting of atopic asthma,
non-atopic asthma, allergic asthma, atopic bronchial IgE-mediated
asthma, bronchial asthma, essential asthma, true asthma, intrinsic
asthma caused by pathophysiologic disturbances, extrinsic asthma
caused by environmental factors, essential asthma of unknown or
inapparent cause, non-atopic asthma, bronchitic asthma,
20 emphysematous asthma, exercise-induced asthma, allergen induced

asthma, cold air induced asthma, occupational asthma, infective asthma caused by bacterial, fungal, protozoal, or viral infection, non-allergic asthma, incipient asthma, wheezy infant syndrome and bronchiolitis,

- 5
 - chronic or acute bronchoconstriction, chronic bronchitis, small airways obstruction, and emphysema,
- 10
 - obstructive or inflammatory airways diseases of whatever type, etiology, or pathogenesis, in particular an obstructive or inflammatory airways disease that is a member selected from the group consisting of chronic eosinophilic pneumonia, chronic obstructive pulmonary disease (COPD), COPD that includes chronic bronchitis, pulmonary emphysema or dyspnea associated or not associated with COPD, COPD that is characterized by irreversible, progressive airways obstruction, adult respiratory distress syndrome (ARDS), exacerbation of airways hyper-reactivity consequent to other drug therapy and airways disease that is
- 15
 - associated with pulmonary hypertension,
- 20
 - bronchitis of whatever type, etiology, or pathogenesis, in particular bronchitis that is a member selected from the group consisting of acute bronchitis, acute laryngotracheal bronchitis, arachidic bronchitis, catarrhal bronchitis, croupus bronchitis, dry bronchitis, infectious asthmatic bronchitis, productive bronchitis, staphylococcus or streptococcal bronchitis and vesicular bronchitis,
- 25
 - bronchiectasis of whatever type, etiology, or pathogenesis, in particular bronchiectasis that is a member selected from the group consisting of cylindric bronchiectasis, sacculated bronchiectasis, fusiform bronchiectasis, capillary bronchiectasis, cystic bronchiectasis, dry bronchiectasis and follicular bronchiectasis.

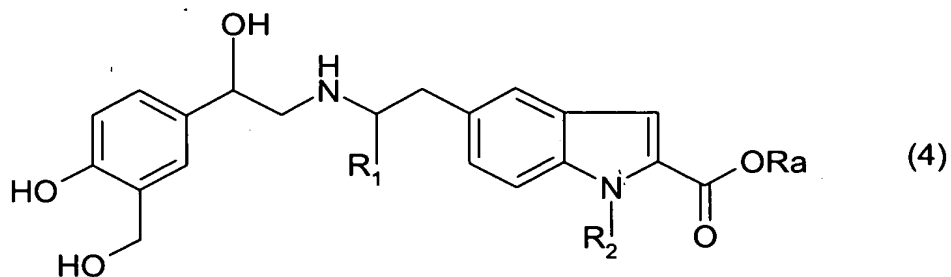
17. A method according to claim 14, 15 or 16 wherein said mammal is a human.

18. A compound of formula (2):



wherein R₁ and R₂ are each independently selected from hydrogen and (C₁-C₄)alkyl.

19. A compound of formula (4):



5

wherein R₁ and R₂ are each independently selected from hydrogen and (C₁-C₄)alkyl, and Ra is a suitable acid protecting group selected from (C₁-C₄)alkyl groups.